

ABSTRACT

Image projector including a lamp for emitting beams of lights, a color wheel for splitting particular color beams in succession from the beams of lights, a rod lens for making distribution of the color beams from the color wheel uniform, a polarized beam converter for converting the color beams into beams of a particular pole, an optical system for focusing the color beams converted into beams of a particular pole, a display for producing a picture beam of a video signal according to the video signal by using the color beams from the optical system, a polarization beam sprite prism between the optical system and the display for reflecting the color beams from the optical system and transmitting the picture beams from the display, and a projection lens for enlarging, and projecting the picture beams.